

\* CORRECTED \*

# Horse Fire

CA-HUU-006254

Incident Action Plan

Operational Period

August 21<sup>st</sup>-August 22<sup>nd</sup>, 2015

0700-0700

\* CORRECTED \*





\* CORRECTED \*

\* CORRECTED \*



# INCIDENT OBJECTIVES

1. INCIDENT NAME

Horse

2. DATE  
PREPARED  
08/20/20153. TIME  
PREPARED  
17304. OPERATIONAL PERIOD (DATE/TIME)  
8/21-8/22 0700-0700

5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)

## Management Objectives

Provide for emergency responder and public safety.

Utilize appropriate strategy and tactics to ensure protection of wild and scenic values at risk.

Maintain positive working relations and communications with cooperators.

Reduce the potential for impacts to natural and cultural resources.

Keep costs commensurate with values at risk.

## Control Objectives:

Keep the fire East of Miller Ridge

Keep the fire West of South Fork Bear Creek

Keep the fire North/East of the Pacific Ocean

Keep the Fire North of Rancho Lane/Kalune Cliff

6. WEATHER FORECAST FOR OPERATIONAL PERIOD  
See attached.7. GENERAL SAFETY MESSAGE  
See attached.

8. ATTACHMENTS (X IF ATTACHED)

☒ ORGANIZATION LIST (ICS 203) ☒ MEDICAL PLAN (ICS 206)☒ ASSIGNMENT LIST (ICS 204) ☒ INCIDENT MAP☒ COMMUNICATIONS PLAN (ICS 205) ☐ TRAFFIC PLAN9. PREPARED BY (PLANNING SECTION CHIEF)  
S. Ward, Deputy Plans Chief

10. APPROVED BY (INCIDENT COMMANDER)

*Donald A. Bruno*





# Horse (WILDFIRE) (Requested: 1625 PDT 8/20/15)

Forecast complete at 1728 PDT 8/20/15

Requested by: CAL FIRE Team 5 Phone:(530) 717-0667 Contact:Scott Jones

## Observations:

### FORECAST:

IF CONDITIONS BECOME UNREPRESENTATIVE,  
CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR HORSE...CAL FIRE TEAM 5  
NATIONAL WEATHER SERVICE EUREKA CA  
528 PM PDT THU AUG 20 2015

FORECAST IS BASED ON REQUEST TIME OF 1625 PDT ON AUGUST 20.  
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
SERVICE.

.DISCUSSION...NORTH-NORTHWESTERLY RIDGE TOP WINDS WILL DECREASE  
FRIDAY INTO FRIDAY NIGHT AS THE THERMAL TROUGH MOVES TOWARD THE  
COAST. THIS WILL ALLOW RETURN FLOW TO DEVELOP ALONG THE COAST...  
RESULTING IN STRATUS NEAR THE IMMEDIATE COAST AND HIGHER HUMIDITY.  
UPPER SLOPE AND RIDGE TOP RECOVERIES OVERNIGHT WILL BE MODERATE  
WITH DRY AIR WITHIN THE THERMAL TROUGH MOVING OVERHEAD.

.FRIDAY...


SKY/WEATHER.....SOME MORNING LOW CLOUDS AND FOG POSSIBLE ALONG  
LOW LYING AREAS. OTHERWISE SUNNY.  
MAX TEMPERATURE.....AROUND 78 TO 83.  
MIN HUMIDITY.....40 TO 50 PERCENT BELOW 2000 FT.  
28 TO 32 PERCENT ABOVE 2000 FT.  
WIND (20 FT).....NORTH AND NORTHWEST WINDS 6 TO 9 MPH.  
EYE LEVEL WINDS.....NORTH AND NORTHWEST WINDS 4 TO 8 MPH.  
LAL.....1.  
CWR.....0 PERCENT.

.FRIDAY NIGHT...

SKY/WEATHER.....CLOUDS AND FOG DEVELOPING OVERNIGHT BELOW  
1000 FEET...OTHERWISE MOSTLY CLEAR.  
MIN TEMPERATURE.....58 TO 63.  
MAX HUMIDITY.....75 TO 85 PERCENT LOWER SLOPES AND DRAINAGES.  
45 TO 55 PERCENT UPPER SLOPES AND RIDGES.  
WIND (20 FT).....NORTH 4 TO 6 MPH BECOMING SOUTHWEST 1 TO 4 MPH  
AFTER MIDNIGHT.  
EYE LEVEL WINDS.....NORTH 3 TO 5 MPH BECOMING SOUTHWEST 1 TO 4 MPH  
AFTER MIDNIGHT.  
LAL.....1.  
CWR.....0 PERCENT.



# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 01	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Horse	<b>OPERATIONAL PERIOD:</b> 08/21 0700-0700
<b>DATE ISSUED:</b> 08/20/2015	<b>TIME ISSUED:</b> 2100
<b>UNIT:</b> HUU	<b>SIGNED:</b>  <b>Printed:</b> Scott Jones

## INPUTS

### WEATHER SUMMARY

Morning low clouds and fog possible along low lying areas. Otherwise Sunny

#### DAYTIME

MAX temp 78° to 83° MIN RH 40 to 50% below 2000' 28 to 32% above 2000'

20 ft winds (MPH): NNW 6 to 9: Eye level winds (MPH): NNW 4 to 8

#### OVERNIGHT

MAX temp 58° to 63° MAX RH 75 to 85% lower slopes and drainages 45 to 55% upper slopes and ridges

20 ft winds (MPH) N 4 to 6 becoming SW 1 to 4 after midnight: Eye level N 3 to 5 becoming SW 1 to 4

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

Since mid JAN Humboldt has been in fire season like conditions. Rain has been scarce and when it has come it has been in concentrated bursts. The area is either in a Severe Drought D2 or Extreme Drought D3. Historically this area has proven large fire potential; Saddle 1988 (5,900ac), Honey Dew 2003 (13,777ac), Finley Creek 1973 (12,833ac). July 30th a lightning bust started 75 fires activating the Humboldt Complex resulting in seven fires which are currently holding at 4,882 acres.

The Horse fire is in very steep rugged terrain, with limited drivable roads. Fuel loads are mixtures of 6' plus brush and Timber. The fire footprint is within the Saddle Fire, numerous snags and drought weakened trees will be a constant hazard.

The fire activity has been moderate to high, as direct suppression efforts have been limited to aerial drops. The inability to provide ground action has been a key to the fires progression.

#### Fire Behavior for Optimal Alignment Receptive Fuels

Fuel Type	ROS (Ft-MIN) Forward	ROS (Ft-MIN) Lateral	FL (Ft)	FWD /LAT Bt/ft/s	P(i)G
TU5 Timber Understory	7-12'	0-2	2-12'	1302 / 783	65%

#### SPECIFIC:

Local knowledge:

There are two burn periods for the upper slopes; traditional daytime activities and then at night when an off-shore flow sets up. Coastal fuels burn readily at higher RH values 30-40%. Fuels in this area are used to experiencing higher relative humidity such that more active burning will be present prior to critical fuel moisture levels.

Timber fires exhibit great resistance to control.

Local WATCH OUT thresholds. 20' wind over 15 mph; RH < 25%, Temp > 90°, 1000 hr Fuel Moist < 15

#### AIR OPERATIONS:

Air operations have been hampered by early morning fogs and afternoon smoke

## SAFETY

With the terrain and receptive drought stressed fuels, any roll out that becomes seated has the potential to make an uphill run. Monitor winds – off shore flows will produce a second burning period.





# HORSE HEALTH AND SAFETY MESSAGE



We Are ALL accountable for SAFE behaviors

**INCIDENT:** Horse Incident – CAHUU006254

**DATE:** August 21, 2015 **TIME:** 0700-0700

**Major Hazards and Risks:** **Fatigue, Steep Rugged Terrain, Driving Hazards, Hazard Trees, Drought Stricken Fuels, Narrow Roads, Terrain.**

**Fatigue:** Many personnel have been on the line for several weeks, take frequent nutrition and hydration breaks throughout the day. Hydrate with a 2 water to 1 electrolyte drink ratio. Monitor Personnel for excessive fatigue; utilize the buddy system. Critical hours for injuries and incidents is between 14:00 and 18:00 hours

**Driving:** Keep your speeds down on all roads we are guests in the area. Watch out on loose, dusty roads, unstable shoulders and fire debris. Wear your seatbelts!

**Stump Hole Ash Pits:** Watch your footing, extensive stump hole ash pits are in the fire area.

**PPE:** Wear the appropriate PPE for the assignment you are given; don't become complacent.

**Fire Behavior:** Fuels are drought stricken and are receptive to fire spread. As the weather pattern changes with increased temperatures and decreasing RH anticipate changes in fire behavior and plan accordingly. Consider P.A.C.E and know your L.C.E.S.

**Hazard Trees:** Survey your work areas for hazard trees, flag and restrict access, use only qualified personnel for tree felling. Review and follow **Hazard Tree Safety**, pg. 22-23 in your IRPG.

**Review your ICS 206 and know what to do in the event of a medical emergency**

**Lookouts, Communication, Escape routes, Safety zones**

## Hazard Tree Safety

Hazard tree indicators:

- Trees burning for any period of time
- Dead broken or burning tops and limbs overhead, leaning or hung-up
- Numerous downed trees

Hazard Tree Control:

- Eliminate the hazard trees with qualified sawyers
- Avoid high risk areas
- Post lookouts to secure high risk areas
- Keep clear of air drops near trees/snags
- Take breaks out of hazard tree locations
- Follow **Hazard Tree Safety**, pg. 22-23 in your IRPG

## Escape Route/Safety Zone Checklist

**Escape Routes:**

- \*More than one escape route
- \*Scouted – soils, vegetation, slope
- \*Timed – slowest person, fatigue, dozer speed
- \*Marked – flagged for day and night use

**Safety Zone:**

- \*Survivable without a shelter
- \*Natural – clean burn, water, bare soil/rock
- \*Manmade – constructed sites, roads
- \*Scouted for size and hazards
- \*Close enough considering escape time needed

**Remember and Follow:**

- \*The 10 Standard Fire Orders
- \*The 18 Situations That Shout Watch Out
- \*The Common Denominators of Fire Behavior on tragedy Fires
- \*The Downhill Line Construction Guidelines

Incident Safety Officer: Rick Griggs, SOF1

Incident Commander: Ron Bravo, DPIC





## HORSE -INCIDENT RISK ANALYSIS (ICS 215a)

### CA-HUU-006254



DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES
ALL	<b>DRIVING HAZARDS</b>	<ul style="list-style-type: none"> <li>• Drive defensively! Expect the unexpected around every curve.</li> <li>• Drive with headlights on.</li> <li>• Slow Down! Narrow dirt roads with limited passing room- one way travel on some</li> <li>• Increase following distances. Maintain Situational Awareness.</li> </ul>
ALL	<b>FIRE BEHAVIOR</b>	<ul style="list-style-type: none"> <li>• Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift.</li> <li>• Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate.</li> <li>• Adhere to 10 Standard Firefighting Orders, mitigate 18 Watch Out Situations.</li> <li>• Maintain Situational Awareness.</li> </ul>
ALL	<b>FATIGUE</b>	<ul style="list-style-type: none"> <li>• Be alert for signs of fatigue and take breaks as necessary.</li> <li>• Maintain 2:1 work/rest ratio.</li> <li>• Monitor incoming resources for level of fatigue.</li> </ul>
ALL	<b>HYDRATION</b>	<ul style="list-style-type: none"> <li>• Drinking water before, during and after shifts, up to 1.5 gal. per shift.</li> <li>• Be alert for signs of heat stress in yourself and others.</li> </ul>
ALL	<b>HEAT RELATED ILLNESS</b>	<ul style="list-style-type: none"> <li>• Review "Specific Treatments" section of the IRPG (pg 103) for heat illnesses signs and treatment. Watch coworkers for signs and symptoms.</li> <li>• Take frequent breaks as needed and operationally feasible</li> <li>• Report any and all injuries to your Supervisor. Follow Medical Emergency Procedures as outlined on the ICS-206</li> </ul>
A,D, K,P	<b>AIRCRAFT OPERATIONS</b>	<ul style="list-style-type: none"> <li>• Keep personnel out of drop zones.</li> <li>• Use air-to-ground freq. to communicate with aircraft.</li> <li>• Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective.</li> </ul>
A,D, K,P	<b>LINE CONSTRUCTION</b>	<ul style="list-style-type: none"> <li>• Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>• Ensure LCES in place prior to engagement (IRPG p. 7).</li> <li>• Establish adequate safety zones (IRPG p.8).</li> <li>• Use Downhill Line Checklist (IRPG p.9).</li> <li>• Follow "Look Up, Look Down, Look Around" procedures (IRPG p.4).</li> <li>• Utilize Risk Management Process (IRPG p.1).</li> </ul>
A,D, K,P	<b>SNAG HAZARDS</b>	<ul style="list-style-type: none"> <li>• Follow Hazard Tree Safety Guidelines (IRPG p. 22).</li> <li>• Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen.</li> <li>• Be especially alert around snags during wind events.</li> <li>• Check overhead for dead branches in sleeping areas.</li> <li>• Maintain Situational Awareness.</li> </ul>
A,D, K,P	<b>MOP UP</b>	<ul style="list-style-type: none"> <li>• Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>• Use all required PPE, including eye protection.</li> <li>• Maintain proper spacing and overhead clearance.</li> <li>• Be alert for stump holes and root cavities.</li> <li>• Minimize exposure to smoke, and rotate personnel into clean as practical.</li> <li>• Evaluate unburned islands/Increase situational awareness.</li> </ul>
A,D, K,P	<b>FOOT TRAVEL</b>	<ul style="list-style-type: none"> <li>• In steep and rocky terrain, watch footing and maintain proper spacing.</li> <li>• Watch for over-head hazards.</li> <li>• Be alert for ash pits and stump holes</li> <li>• Maintain downhill tool placement.</li> </ul>
ALL	<b>SAFETY ZONES</b>	<ul style="list-style-type: none"> <li>• Follow safety zone guidelines are followed (IRPG p. 7)</li> <li>• Carefully evaluate burned areas before designation as safety zones due to spotty burning in numerous areas.</li> <li>• When safety zones are distant from work site, set trigger points to allow personnel to reach them in a timely manner.</li> </ul>
Incident Name: <b>HORSE CA-HUU-006254</b> ICS 215a		DATE PREPARED: <b>August 20, 2015 2200hrs</b> Prepared by: Scott Hansen SOF1(T)
		OPERATIONAL PERIOD <b>August 21, 2015</b> <b>0700-0700</b>

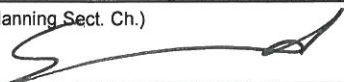
<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <div style="text-align: center; font-size: 1.5em;">I</div>		2. Division/Group <div style="text-align: center; font-size: 1.5em;">A</div>			
3. Incident Name <div style="text-align: center; font-size: 1.2em; font-weight: bold;">Horse Fire</div>		4. Operational Period Date: <b>8/21-8/22</b> Time: <b>0700-0700</b>					
<b>5. Operations Personnel</b>							
Operations Chief		E. Schwab		Division/Group Supervisor <i>J. Palagyi</i> <del>D. Byrnes</del> ✓			
Branch Director		S. Norman ✓		Branch Safety			
<b>6. Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line <input type="checkbox"/>	Off Line <input type="checkbox"/>	
<b>STC MRN 9150</b>			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STC</b>			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG TGU 9252</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG MEU 9115</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG</b>			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-10</b> ✓	<b>McCullough</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-11</b> ✓	<b>Schneider</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-12</b> ✓	<b>Valley Timber</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT 6066</b>	<b>Miranda</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT 5562</b>	<b>Telegraph Ridge</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM</b>	<i>0-163 Ackerman</i>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM</b>	<i>0-165 Ridge</i>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM</b>	<i>0-3 Rosebush</i>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations <i>9112L</i> Scout and construct direct handline <i>9234L</i> Continue constructing dozer line Firehill to Pacific ocean							
8. Special Instructions							
<b>9. Division/Group Communication Summary</b>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>RX 151.3550</b> <b>TX 159.3000</b> <b>Tone 15</b>	King NIFC	<b>1</b> <b>CDF C1</b>	Command		King NIFC	
Tactical Div/Group	<b>RX/TX</b> <b>151.3775</b> <b>Tone 16</b>	King NIFC	<b>5</b> <b>CDF T13</b>	Air to Ground	<b>Rx/Tx</b> <b>159.3525</b> <b>Tone 16</b>	King NIFC	<b>14</b> <b>CDF T25</b>
Prepared by (Resource Unit Ldr.) <b>C. Carrera</b>		Approved by (Planning Sect. Ch.) <b>S. Ward</b>		Date <b>8/20/15</b>		Time <b>2100</b>	





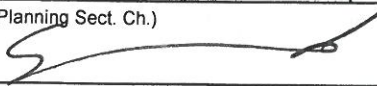
<b>DIVISION ASSIGNMENT LIST</b>			1. Branch <b>III I</b>		2. Division/Group <b>D</b>		
3. Incident Name <b>Horse Fire</b>			4. Operational Period Date: <b>8/21-8/22</b> Time: <b>0700-0700</b>				
<b>5. Operations Personnel</b>							
Operations Chief		<b>E. Schwab</b>		Division/Group Supervisor		<b>D. Byrnes</b>	
Branch Director		<b>B. Norton</b>		Branch Safety			
<b>6. Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
<b>STC 2399</b>			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG TUU 9472</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>**CRW Golden Mtn</b>			<b>ICP 0700</b>	<b>1900</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-22</b> ✓	<b>J&amp;S</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-45</b> ✓	<b>Sunrise Excavator</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-47</b> ✓	<b>Dadco Construction</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>** CRW Diamond</b>					<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ-E40</b>					<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT 6453</b>					<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM O-155 A cut Above</b>					<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM O-166 Jensen</b>					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Scout and construct direct hand line. Improve and prepare Saddle Mtn Rd. for firing.							
8. Special Instructions <b>**12 hour resource**</b>							
<b>9. Division/Group Communication Summary</b>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>RX 151.3550</b> <b>TX 159.3000</b> <b>Tone 15</b>	King NIFC	<b>1</b> <b>CDF C1</b>	Command		King NIFC	
Tactical Div/Group	<b>RX/TX</b> <b>151.3475</b> <b>Tone 16</b>	King NIFC	<b>6</b> <b>CDF T29</b>	Air to Ground	<b>Rx/Tx</b> <b>159.3525</b> <b>Tone 16</b>	King NIFC	<b>14</b> <b>CDF T25</b>
Prepared by (Resource Unit Ldr.) <b>C. Carrera</b>		Approved by (Planning Sect. Ch.) <b>S. Ward</b>			Date <b>8/20/15</b>		Time <b>2100</b>



<b>DIVISION ASSIGNMENT LIST</b>			1. Branch <div style="text-align: center; font-size: 1.2em;"><b>III</b></div>		2. Division/Group <div style="text-align: center; font-size: 1.2em;"><b>K</b></div>		
3. Incident Name <div style="text-align: center; font-size: 1.2em;"><b>Horse Fire</b></div>			4. Operational Period Date: <b>8/21-8/22</b> Time: <b>0700-0700</b>				
5. Operations Personnel							
Operations Chief		<b>E. Schwab</b>		Division/Group Supervisor		<i>✓ D. Wiley / B. Lane (T)</i>	
Branch Director		<b>B. Norton</b>		Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
<b>STC SKU 9261</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG CZU 9174</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG LNU 9226</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>STG SKU 9262</b> ✓			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-42</b> ✓	<b>Walberg</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-43</b> ✓	<b>Rhoades Construction</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DOZ E-44</b> ✓	<b>Ridge Logging</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT E-24</b> ✓	<b>John Hertzig</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT 7467</b>	<b>Fortuna FD</b>		<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM 0-1</b> <i>Claybor</i>			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FALM 0-2</b> <i>Hallman</i>			<b>ICP 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Scout and construct direct hand line. Hold existing line. Improve and prepare Saddle Mtn. Rd. for firing.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>RX 151.3550</b> <b>TX 159.3000</b> <b>Tone 15</b>	King NIFC	<b>1</b> <b>CDF C1</b>	Command		King NIFC	
Tactical Div/Group	<b>RX/TX</b> <b>154.2725</b> <b>Tone 6</b>	King NIFC	<b>7</b> <b>VFIRE 24</b>	Air to Ground	<b>Rx/Tx</b> <b>159.3525</b> <b>Tone 16</b>	King NIFC	<b>14</b>
Prepared by (Resource Unit Ldr.) <b>C. Carrera</b>		Approved by (Planning Sect. Ch.) <b>S. Ward</b> 		Date <b>8/20/15</b>		Time <b>2100</b>	





<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>Road Group</b>		
3. Incident Name <b>Horse Fire</b>			4. Operational Period Date: <b>8/21-8/22</b> Time: <b>0700-0700</b>				
5. Operations Personnel							
Operations Chief		<b>E. Schwab</b>		Division/Group Supervisor		<b>R. Gladwin</b>	
Branch Director		<b>S. Norman</b>		Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
<b>DOZ E-14</b> ✓	<b>Kens</b>		<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>GDR E-105</b> <i>Wylati</i>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>GDR</b>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT E-20</b> ✓	<b>Willmore</b>		<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT E-30</b> ✓	<b>Waterboys</b>		<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>WT E-51</b>	<b>Docs Inc</b>		<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FOBS</b>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FOBS</b>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FOBS</b>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FOBS</b>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FOBS</b>			<b>Base Camp 0700</b>	<b>0700</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>WT E-125 Rosco</i>					<input type="checkbox"/>	<input type="checkbox"/>	
<i>WT E-126 Pargett</i>					<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Improve Kings Peak Rd. and Saddle Mtn. Rd. <i>WT E-129 Eldorado</i> <i>WT E-130 Eldorado</i>							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>RX 151.3550</b> <b>TX 159.3000</b> <b>Tone 15</b>	King NIFC	<b>1</b> <b>CDF C1</b>	Command		King NIFC	
Tactical Div/Group	<b>RX/TX</b> <b>154.3025</b> <b>Tone 6</b>	King NIFC	<b>9</b> <b>VFIRE 26</b>	Air to Ground	<b>Rx/Tx</b> <b>159.3525</b> <b>Tone 16</b>	King NIFC	<b>14</b> <b>CDF T25</b>
Prepared by (Resource Unit Ldr.) <b>C. Carrera</b>		Approved by (Planning Sect. Ch.) <b>S. Ward</b> 		Date <b>8/20/15</b>		Time <b>2100</b>	





# AIR OPERATIONS SUMMARY

OPERATIONAL PERIOD DATE:

DATE: 08/21/15

START: 0800 END: 2000

(Expanded Form for Large Operations)

1. INCIDENT NAME: HORSE		2. PREPARED BY: Frank Podesta		3. PREPARED: 08/20/2015	
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): CAHU006254 Eel River Helibase 40 08.513/ 123 48.827 Be aware for low hanging wires when flying in and around Eel River Camp General Aviation flying out of the Garberville Airport (016) CTAF 122.9 All GPS data to be collected (degrees, minutes & decimal minutes) Keep track of water removed from local ponds, provide amount and Lat/ Long to Helibase Mgr.				5. TFR: 10000' msl 40 08.80 / 124 04.80 5 nm radius NOTAM: None REQ 123.7250	
SUNRISE: 0627 SUNSET: 2010 CUTOFF: 1940					

6. PERSONNEL	Phone	FREQUENCIES	AM	FM	8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Frank Podesta	(209) 419-4408	AIR/AIR FW:		164.1375	Air Tactical AA 120 RAAB (FOT)  Lead planes: Request as needed thru AA  Airtankers: Request thru AA  Other:
ASGS: Jon Chin / Mark Kalisek	(760) 250-6230	AIR/AIR RW:	123.7250		
ATGS: Brian Renner	(707) 499-2247	AIR/GROUND:	159.3525	TN 16 TX/RX	
HEBM: Jared Collins / Dave Ito	(530) 391-6583	DECK:	163.100		
HELCO: Alex Lujan		COMMAND	CMD 1 TN-15 RX: 151.3550 TX: 159.3000 TN-162.2 = TN-15		
Rohnerville Air Attack Base	(707) 725-4572	AIR GUARD	168.6250		
Kneeland Helitack Base	(707) 444-2863	TOLC	122.850		
Eel River Helibase					

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
A-7 905CH	I	S-61	ELHB	0800	0900	TANK	A-44 2AH	II	BELL 212	ELHB			
A-6 613CK	I	Helitanker 703	ELHB	0800	0900								
A14 238CH	I	234UT	ELHB	0800	0900								
A-26 C902	II	BELL UH-1H	ELHB	0800	0900	Hoist / Initial Attack							
A-9 711GH	II	UH1H 9	ELHB	0800	0900	Restricted							
A25 617AC	III	BELL 407	ELHB	0800	0900	.							

INCIDENT RADIO COMMUNICATIONS PLAN				Incident Name		Date/Time Prepared		Operational Period Date/Time			
				HORSE CA-HUU-006254		8/20/15 1830 hrs		8/21/15 0700 - 8/22/15 0700			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	COMMAND	CDF C1 T15	ALL DIVISIONS	151.3550 N		103.5	159.3000 N		162.2	A	TONE 15 - PRATT MT.
2											
3											
4											
5	TACTICAL	CDF T13	DIV A	151.3775 N		192.8	151.3775 N		192.8	A	TONE 16
6	TACTICAL	CDF T29	DIV D	151.3475 N		192.8	151.3475 N		192.8	A	TONE 16
7	TACTICAL	VFIRE24	DIV K	154.2725 N		156.7	154.2725 N		156.7	A	TONE 6
8	TACTICAL	VFIRE25	DIV P	154.2875 N		156.7	154.2875 N		156.7	A	TONE 6
9	TACTICAL	VFIRE26	STRUCTURE/ROAD GROUP	154.3025 N		156.7	154.3025 N		156.7	A	STRUCTURE / ROAD GROUP TONE 6
10											
11											
12											
13	MEDICAL	CALCORD	ALL DIVISIONS	156.0750 N		156.7	156.0750 N		156.7	A	MED COORDINATION-TONE 6
14	AIR TO GROUND	CDF T25	ALL DIVISIONS	159.3525 N		192.8	159.3525 N		192.8	A	AIR TO GROUND - TONE 16
15											
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N			168.6250 N		110.9	A	EMERGENCY - TONE 1
17											
18											
19											
20	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N			168.6250 N		110.9	A	EMERGENCY - TONE 1
Prepared By (Communications Unit)											
KEN PARKER, COML 951-217-4482				Incident Location HUU							
				County		State		Latitude		N Longitude	
										W	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.





# MEDICAL PLAN

1. INCIDENT NAME

**Horse Fire**2. DATE  
PREPARED

8/20/2015

3. TIME  
PREPARED

1900

4. OPERATIONAL PERIOD

8/21/2015  
0700-0700

## 5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS

LOCATION

PARAMEDICS

YES NO

Horse/Humboldt Complex Medical Unit

Horse/Humboldt Complex Base Camp

XX

## 6. TRANSPORTATION

## A. Air Ambulances

NAME

ADDRESS

PHONE

PARAMEDICS

YES NO

Reach Air 18

Willits, CA

1-800-622-4045

XX

Copter 102 -DAY HOIST

Horse/Humboldt Complex Helibase

COMM UNIT

XX

Air Guard H825 - NIGHT HOIST

Redding, CA

COMM UNIT

XX

CHP H16 - DAY/NIGHT HOIST

Redding

530-225-2040

XX

## B. Ground Ambulances

CITY AMBULANCE - DEDICATED TO INCIDENT

ALDERPOINT STATION - CAL FIRE

COMM UNIT

XX

City Ambulance

814 Redwood Dr. Garberville, CA

707-442-4553

XX

## 7. HOSPITALS

NAME

ADDRESS

TRAVEL TIME

AIR

GRND

PHONE

HELIPAD

YES

NO

BURN CENTER

YES

NO

Phelps Community

733 Cedar St Garberville, CA

N/A

15 min

707-923-3921

X

X

Redwood Memorial

3300 Renner Dr Fortuna, CA

N/A

45 min

707-725-4562

X

X

Mercy Hospital - LEVEL II  
TRAUMA

2175 Rosaline Redding, CA

40 min

1 hr

530-225-7201

X

X

UC Davis Med Center

2315 Stockton Blvd Sacramento, CA

1 hr  
20 min

6 hrs

916-734-3790

X

X

## 8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY:**Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.**

- Division Supervisor contacts:
  - Line EMT
  - Communications Unit
- Communications Unit contacts:
  - Heli-Base for AIR EVAC only
  - Medical Unit
  - Operations
  - Safety
- Division Supervisor will run medical emergency on command channel
- Communication Unit will clear command channel for emergency traffic
- Medical Unit will:
  1. Dispatch ground ambulance to nearest drop-point for ground transport only.
  2. Dispatch ambulance to Helibase for AIR EVAC.
  3. Notify receiving hospital of injury status.

**CAMP EMERGENCY:** Contact Medical Unit with patient complaint/condition and location. In Camp Paramedic will respond to stabilize the incident.INJURY REPORTING PROCEDURES

NATURE OF INJURY \_\_\_\_\_

LOCATION OF PATIENT \_\_\_\_\_

TRANSPORTATION REQUESTED BY: AIR \_\_\_ GROUND \_\_\_

POINT OF PICKUP \_\_\_\_\_

LAT \_\_\_\_\_ LONG \_\_\_\_\_

PATIENT UNIT ID \_\_\_\_\_

REMINDER: DO NOT GIVE PT NAME OVER RADIO

IS AN EMT WITH PATIENT: YES \_\_\_ NO \_\_\_

AGE \_\_\_\_\_

SEX: MALE \_\_\_ FEMALE \_\_\_

**ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.**

9. PREPARED BY (MEDICAL UNIT LEADER)

B. Hunter. MEDL

10. REVIEWED BY (SAFETY OFFICER)

Rick Griaas. SOF1

ICS 206 8-78

# CAL FIRE INCIDENT MANAGEMENT TEAM 5



## Division / Group Supervisor Operational Period Expectations



Your participation as a Division Group Supervisor is a key component of the success of Incident Management Team 5. While serving as a member of this team we expect you to meet the following expectations.

- Provide Leadership and Supervision
- Implement and think safety at all times
- Maintain situational awareness at all times
- Be creative and look for solutions to problems
- Attend briefings
- Obtain a thorough briefing from a team member of the Operations Section
- Complete and turn in your ICS-215 information by 1400 each day
- Complete shift tickets for all hired equipment
- Participate and debrief daily with the Finance Unit when in Cost Apportionment
- Debrief with the Plans Section after each operational period
- Provide accountability for all line personnel
- If available provide GPS data to the Situation Unit by established deadlines
- Monitor work progress
- Backhaul all trash and supplies
- Release resources as the job is completed





# CAL FIRE

## INCIDENT MANAGEMENT TEAM

### WATER USAGE PLAN

#### *California Drought Emergency*

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/owner.

#### **Fireline personnel-** (During mop up operations)

- Use Pencil Hose and Garden Nozzles with Shut-Offs.
- Use Back pumps.
- Use Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely.
- Locate/Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline.

#### **Road Maintenance and Repair-**

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind etc.).
- Consider use of tertiary or treated water.

#### **Aviation Operations-**

- Consider use of Gels, Foams and Retardants. Set up portable plants.
- Consider using Blivits and Pencil Hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops.

#### **Private Water Supplies-**

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, ICS-214, IMT5 Water Usage Reports) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

#### **Public/Municipal Water Supplies-**

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Note locations on incident map.
- Use alternative or reclaimed water sources when available. Note locations on incident map.
- Make arrangements for reimbursement and damage claims if needed.

#### **Management and Supervision-**

- Consider complexity of water use on incidents. Consider establishing a Water Supply Group Supervisor to coordinate additional resources to support the incident needs when necessary.
- Complete the Water Usage Report daily and turn in to Finance.
- Review this check list and brief daily.



## INCIDENT MANAGEMENT TEAM

# WATER USAGE REPORT

DATE: \_\_\_\_\_

Division / Group: \_\_\_\_\_

RESOURCE / VENDOR ID: \_\_\_\_\_

REQUEST # \_\_\_\_\_

I.e., Strike Team 1110C, Acme Water Tenders

WATER SOURCE LOCATION	Source (Hydrant, Pond, Tank, Other)	Gallons Used	Property Owner / Contact Number**

### TURN INTO FINANCE DAILY

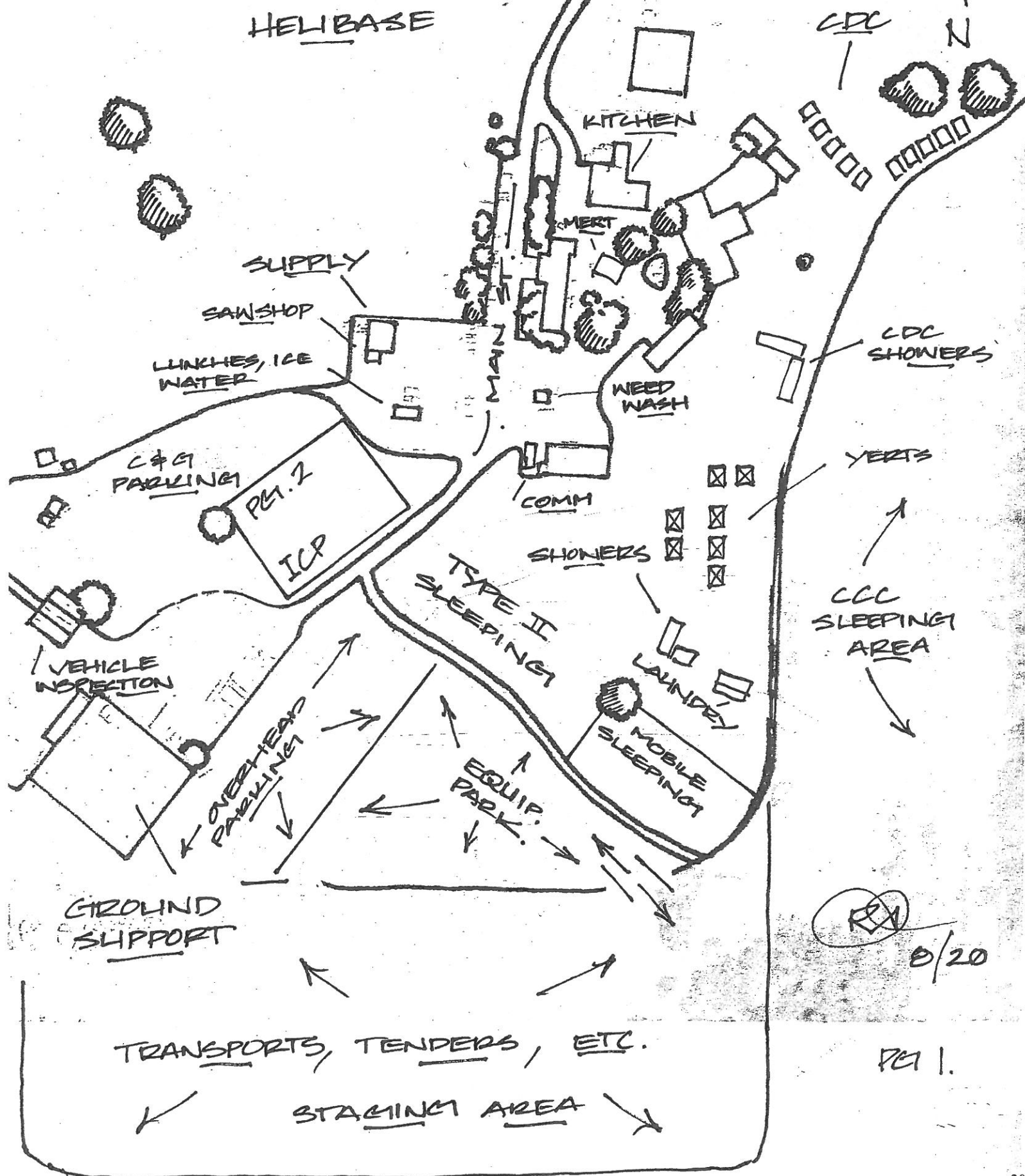
**\*\* Please note PROPERTY OWNER AND CONTACT NUMBER! (Use reverse side if needed.)**

The intent of this document is to track, record and validate the amount of water used on an incident. It's not intended to review the performance of equipment using the water on an incident.



# HORSE INCIDENT

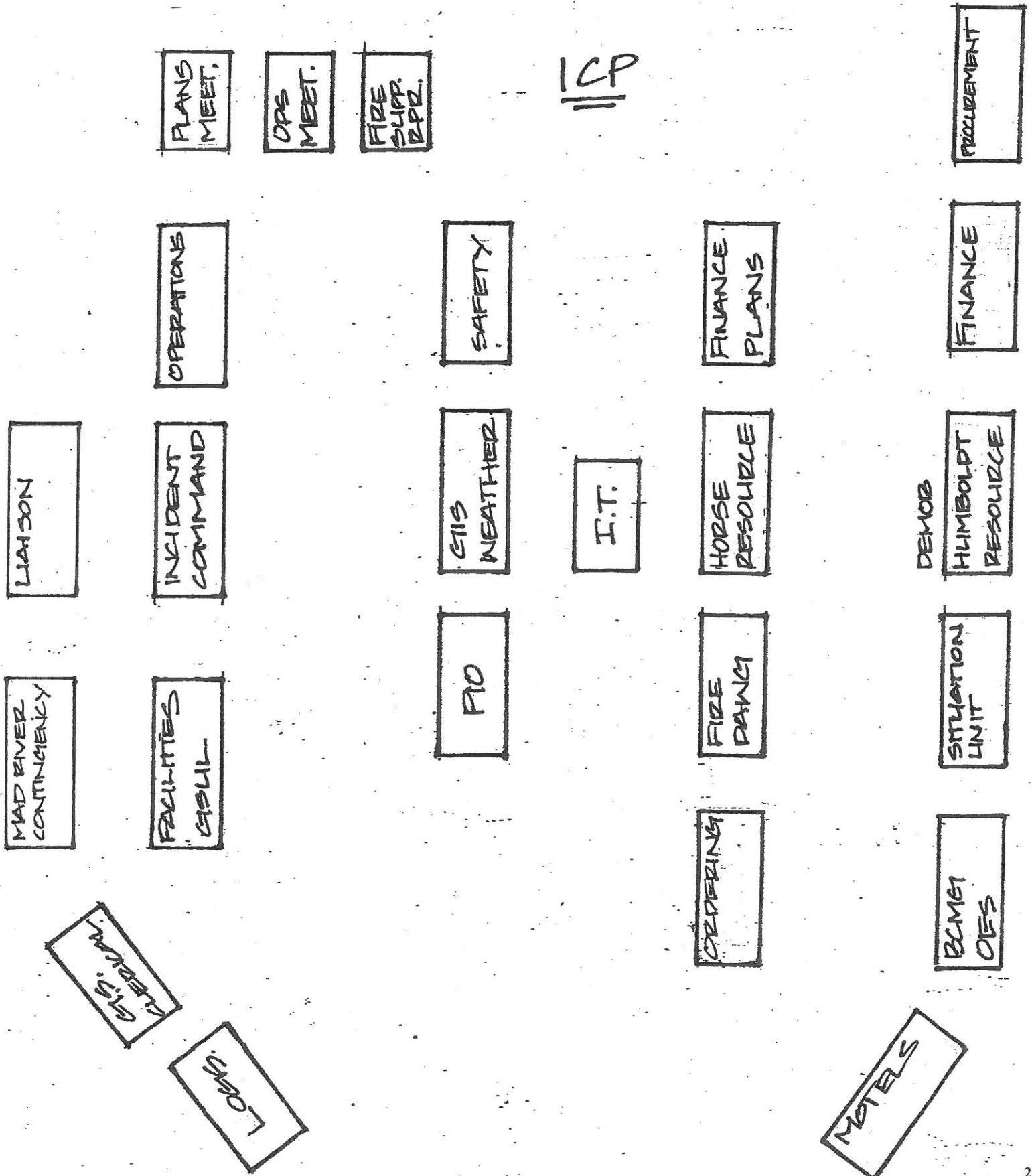
2015



# OVERHEAD PARKING



PG. 2





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INTENTIONALLY**

## ACTIVITY LOG (ICS 214)

[illegible]



## ACTIVITY LOG (ICS 214)

[illegible]